



18th Cal Poly Pomona
Agricultural Research Institute
SHOWCASE 2020
7 February 2020 1:00pm – 5:00pm



1:00 **Poster Session**

ARI-funded projects (active projects). Principal Investigators and students available for questions & discussion.

2:00 **Opening Remarks**

Dr. Sylvia Alva, Provost and Vice President for Academic Affairs, Cal Poly Pomona

Dr. Lisa Kessler, Interim Dean, Don B. Huntley College of Agriculture, Cal Poly Pomona

Dr. David Still, Executive Director, CSU Agricultural Research Institute

Dr. Ondieki Gekara, ARI Campus Coordinator, Cal Poly Pomona

2:15 **Oral Presentations**

1. **Dr. Gabriel Davidov-Pardo**, Nutrition & Food Science, “Optimization of the Formulation of a Gluten-Free Pasta Enriched with Protein Using Pulse Protein Isolates”
2. **Dr. Yao Olive Li**, Nutrition & Food Science, “Technical and Economic Feasibility Study of Utilizing Orange Pomace for Food Applications as an Innovative Means to Reduce Waste and Provide Nutrition”
3. **Dr. Cord Brundage**, Animal & Veterinary Sciences, “Vaccines Efficacy for Avian Respiratory Aspergillosis and Establishment of a Poultry Biosafety Research Facility at Cal Poly Pomona”
4. **Dr. Juanita Jellyman**, Biological Sciences, “Optimizing Feeding Efficiency of Steers Using Time-Restricted Feeding”
5. **Dr. Eileen Cullen**, Plant Science, “Food Safety on California Urban Farms: Harnessing Biological Soil Amendment Microbial Activity without Increasing Risk of Microbial Foodborne Illness”

3:05 **Break/posters**

3:30 **Oral Presentations (continued)**

6. **Dr. Linda Stroud**, Lab of Dr. David Still, ARI Executive Office, “Breeding Lettuce for Increased Nutritional Content Under Low Water and Nitrogen Inputs”
7. **Dr. Bharti Sharma**, Biological Sciences, “Analysis of Developmental and Gene Expression Changes Underlying Vernalization- Induced Transition to Flowering in *Aquilegia coerulea*”
8. **Dr. Subodh Bhandari**, Aerospace Engineering, “Effectiveness of UAV-Based Remote Sensing and Machine Learning Technology in Determining Plant Nitrogen and Water Stresses”
9. **Benjamin Grime**, Lab of Dr. Jeremy Claisse, Biological Sciences, “Green Abalone Aquaculture Method Development and Technology Transfer”
10. **Dr. Priti Saxena**, Plant Science, “Soil Moisture Sensor-Based Estimation of Hybrid Bermudagrass Quality [*Cynodon dactylon* (L.)] using Remote Sensing Technology”

4:20 **Oral Presentation Closing Remarks**

4:25 **Poster Session (continued)**